

```
1 num=4
2 row=0
3 while row < num:
4     star=row+1
5     while star>0:
6         print( " * ",end=" " )
7         star=star-1
8     row=row+1
9     print( )
10
```





TAB



```
*  
**  
***  
****
```

```
[Program finished]
```

```
1 print ( 'enter x from exit' )
2 binary=input( 'enter a number in binary form' )
3 if binary == 'x' :
4     exit( )
5 else:
6     decimal=int( binary, 2 )
7     print( binary, "in decimal" , decimal)
```





TAB



```
enter x from exit  
enter a number in binary form11  
11 in decimal 3  
[Program finished]
```

```
1 a = [ ]
2 n = int( input( 'enter number of elements: ' ) )
3 for i in range( 1, n+1 ):
4     b = int( input( 'enter elements: ' ) )
5     a.append( b )
6 even = [ ]
7 odd = [ ]
8 for j in a:
9     if( j%2 == 0 ):
10         even.append( j )
11     else:
12         odd.append( j )
13 print( 'the even list', even )
14 print( 'the odd list', odd )
```





TAB



```
enter number of elements:7
enter elements:1
enter elements:2
enter elements:5
enter elements:9
enter elements:45
enter elements:6
enter elements:32
the even list [2, 6, 32]
the odd list [1, 5, 9, 45]

[Program finished]
```

```
1 def fib ( n ) :
2     a=0
3     b=1
4     if n==1:
5         print ( a )
6     else:
7         print ( a )
8         print ( b )
9     for i in range ( 2 , n ) :
10         c=a+b
11         a=b
12         b=c
13         print ( c )
14
15 fib(7)
```





TAB



0  
1  
1  
2  
3  
5  
8

[Program finished]



```
1 num=int( input( 'enter the num:' ) )
2 for mul in range( 1,11 ):
3     print( "{0} * {1} = {2} ".format( num,mul,
        ( num* mul ) ) )
```





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enter the num:7

7\*1=7

7\*2=14

7\*3=21

7\*4=28

7\*5=35

7\*6=42

7\*7=49

7\*8=56

7\*9=63

7\*10=70

[Program finished]

```
1 def reverse ( string ) :  
2     reversed_string=""  
3     for i in string:  
4         reversed_string=i+reversed_string  
5     print( "reversed string is:" ,reversed_string )  
6 string=input( "enter a string:" )  
7 print( "entered string:" ,string )  
8 reverse(string)
```





TAB



```
enter a string:gitam  
entered string: gitam  
reversed string is: matig  
[Program finished]
```

```
1 def computeHCF( x, y ) :  
2     while ( y ) :  
3         x, y = y, x%y  
4     return x  
5
```

